Amendments to the Specification:

Please amend paragraph 67 of the specification to read as follows:

In conclusion, the present invention provides, among other things, ~~a~~ systems and methods for <u>dynamic channel mapping and optimized scheduling of data packets</u> ~~securing network devices and network device configurations~~. Those skilled in the art can readily recognize that numerous variations and substitutions may be made in the invention, its use and its configuration to achieve substantially the same results as achieved by the embodiments described herein. ~~For example, other access rights, such as "open," "execute,""move," etc., and other actions, such as synchronization of files and/or devices, one or more instructions of a command set, etc., can be used to supplement the enforcement of the security set definitions described herein.~~ Accordingly, there is no intention to limit the invention to the disclosed exemplary forms. Many variations, modifications and alternative constructions fall within the scope and spirit of the disclosed invention as expressed in the claims.

Please amend the Abstract on page 29 of the specification to read as follows:

According to one embodiment of the present invention, a method combines a set of digital streams into a set of digital multiplexes. This can include, for example, identifying a first communication channel that is currently accepting packets at a rate that can cause the nominal capacity of the channel to be exceeded. A second communication channel that is currently accepting packets at a rate that is less likely to cause the nominal channel capacity of the channel to be exceeded is also identified. One or more of the streams that comprise the multiplex that is assigned to the first communication channel are selected to form selected streams. Further, the packets of the selected streams can be reassigned from the multiplex corresponding to the first communication channel to the multiplex

corresponding to the second communication channel. ~~In some embodiments, one or more receivers of one or more of the selected streams are instructed to retune from the frequency corresponding to the first communication channel to the frequency corresponding to the second communication channel.~~